Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

ST-ONGE ET AL.

10/006,452

Date

Examiner

Art Unit

**Gerald Gauthier** 

2645

✓ Rejected= Allowed

- (Through numeral)
Cancelled

Restricted

Claim

Non-Elected

I Interference

A Appeal
O Objected

| Claim                  |  | Date                                  |             |          |          |          |  |             |          |                |  |
|------------------------|--|---------------------------------------|-------------|----------|----------|----------|--|-------------|----------|----------------|--|
|                        |  | <u></u>                               |             |          |          | Π        |  | Ι           | П        |                |  |
| Final                  | Original   | 5/4/05                                | 10/17/05    |          |          |          |  |             |          |                |  |
|                        | 1  | =                                     | =           |          |          |          |  |             |          |                |  |
|                        | 2  | =                                     | Ξ           |          |          |          | Г  |             |          |                |  |
|                        | 3  | =                                     | =           |          |          |          |  |             |          | П              |  |
|                        | 4  | =                                     | =           |          |          |          |  | Г           | П        | П              |  |
|                        | 5  | =                                     | Ξ           |          |          |          |  | Г           | Г        | П              |  |
|                        | 6  | Ξ                                     | E           | Г        |          | Г        |  | Π           | Г        | П              |  |
|                        | 1<br>2<br>3<br>4<br>5<br>6<br>7  | =                                     | =           | Г        |          |          |  |             | Г        | П              |  |
|                        | 8  | =                                     | =           |          |          |          |  |             |          | П              |  |
|                        | 9  | =                                     | =           |          |          |          |  |             |          |                |  |
|                        | 10   | =                                     | =           |          |          |          |  |             |          |                |  |
|                        | 11   | =                                     | Ξ           |          |          |          |  |             |          |                |  |
|                        | 12   | =                                     | =           |          |          |          |  |             |          |                |  |
|                        | 13   | =                                     | =           |          |          |          |  |             |          |                |  |
|                        | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34<br>35 | =                                     | =           |          | _        |          |  |             |          | Ш              |  |
|                        | 15   | =                                     | =           |          |          |          |  | $\bigsqcup$ | _        | Ш              |  |
|                        | 16   | =                                     | =           |          |          |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L           | <u>L</u> | Ш              |  |
|                        | 17   | =                                     | Ξ           |          |          | L        |  |             |          | Ш              |  |
|                        | 18   | =                                     | Ξ           |          |          |          |  |             |          |                |  |
|                        | 19   | =                                     | =           |          |          |          |  |             |          |                |  |
|                        | 20   | √                                     | -           |          |          |          |  |             |          |                |  |
|                        | 21   | ✓                                     | -           |          |          | L        |  |             |          |                |  |
|                        | 22   | ✓                                     | -           |          |          |          |  |             |          |                |  |
|                        | 23   | ✓                                     |             |          |          |          | _  | _           |          |                |  |
|                        | 24   | ✓                                     | <u> -</u>   |          | _        | L        | L.   |             |          |                |  |
|                        | 25   | ✓                                     | -           |          |          | _        |  |             |          |                |  |
|                        | 26   | V                                     | -           |          |          |          | _  | _           | <u> </u> |                |  |
|                        | 27   | ĮΨ                                    | _           |          |          | L        |  |             | <u> </u> |                |  |
|                        | 28   | Ý                                     | -           |          |          |          | _  | _           | _        |                |  |
|                        | 29   | Į,                                    | Ŀ           |          |          | -        |  | _           | _        |                |  |
|                        | 30   | Ϋ́                                    | ·           | _        |          |          |  |             | <u> </u> |                |  |
| -                      | 31   | V                                     |             | _        |          | H        | <u> </u>                                     |             | <u> </u> |                |  |
|                        | 32   | Ý                                     | =           |          | _        | <u> </u> |  | H           | _        |                |  |
| $\vdash \vdash \vdash$ | 33   | Ÿ                                     | -           | $\vdash$ | <u> </u> | $\vdash$ | <u> </u>                                     | $\vdash$    | $\vdash$ | Н              |  |
|                        | 34   | 1                                     | ╚           | H        | -        | $\vdash$ | <u> </u>                                     | <u> </u>    | <u> </u> | $\vdash$       |  |
|                        | 35   | \<br>\<br>\                           | ÷           |          |          | $\vdash$ | _  |             | -        |                |  |
|                        | 37   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 11 1 1      | -        | $\vdash$ | $\vdash$ |  | $\vdash$    | $\vdash$ | $\vdash$       |  |
|                        | 38   | 7                                     | =           | $\vdash$ | $\vdash$ | -        | _  | $\vdash$    | -        | $\vdash$       |  |
|                        | 36<br>37<br>38<br>39   | =                                     | -<br>✓      | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u>                                     | $\vdash$    | -        | $\vdash\vdash$ |  |
|                        | 40   |                                       | 7           | -        | _        | $\vdash$ | <u> </u>                                     | $\vdash$    | $\vdash$ | $\vdash$       |  |
|                        | 41   | =                                     | <b>∨</b>    | Н        | -        | $\vdash$ | $\vdash$                                     | $\vdash$    | $\vdash$ | $\vdash$       |  |
|                        | 42   | <u> </u>                              | <b>√</b>    |          |          |          | _  | $\vdash$    |          | $\dashv$       |  |
| $\vdash \dashv$        | 43   | =                                     | <b>√</b>    |          |          |          |  |             | Н        | $\dashv$       |  |
|                        | 44   | =                                     | Ĭ           | Н        |          | Н        |  | П           | $\vdash$ | $\vdash$       |  |
|                        | 45   | =                                     | <b>∨</b>    |          |          | П        |  |             | -        | $\vdash$       |  |
|                        | 46   | =                                     | <b>&gt;</b> | -        | _        | $\vdash$ | $\vdash$                                     | Н           | Н        | $\dashv$       |  |
| ٦.                     | 47   | =                                     | <b>→</b>    | $\vdash$ | Т        |          | П  | Н           | М        | $\dashv$       |  |
|                        | 48   | =                                     | Ť           | $\vdash$ | Т        | $\vdash$ | Т  |             | $\vdash$ | $\vdash$       |  |
|                        | 49   | =                                     | <b>→</b>    |          | $\vdash$ |          | $\vdash$                                     | $\vdash$    | $\vdash$ | $\dashv$       |  |
|                        | 50   | =                                     | Ž           |          | $\vdash$ | $\vdash$ | $\vdash$                                     | Н           | $\vdash$ | $\dashv$       |  |
|                        |  | لــــا                                |             |          |          |          |  |             | _        | $\Box$         |  |

| <u> </u> | 41111          | <b>—</b> |             | _        | <del>, _</del> ; | 200      | <del>~</del> | _        |   | _ |
|----------|----------------|----------|-------------|----------|------------------|----------|--------------|----------|---|---|
| Final    | Original       | 5/4/05   | 10/17/05    |          |                  |          |              |          |   |   |
|          | 51<br>52       | =        | V           |          |                  |          |              |          | <u> </u>  | Г |
|          | 52             | =        | V           |          |                  |          |              |          |   | Г |
|          | 53             | =        | 1           |          |                  |          |              |          |   | Г |
|          | 53<br>54       | =        | √<br>√<br>√ |          |                  |          | Г            |          |   | Г |
|          | 55             | =        | V           |          |                  |          | Т            | _        |   | T |
|          | 56             | ▗        | V           |          |                  |          |              |          |   | Г |
|          | 56<br>57<br>58 | $\vdash$ | Ť           | H        |                  |          | T            | Г        | Г   | Г |
|          | 58             |          |             |          |                  |          |              | $\vdash$ | _   | H |
|          | 59<br>60       |          |             |          |                  |          | Г            |          |   | Г |
|          | 60             |          |             |          |                  |          | Г            |          |   |   |
|          | 61             |          |             |          |                  |          |              |          |   | Г |
|          | 62<br>63       |          |             |          |                  |          |              |          |   |   |
|          | 63             |          |             |          |                  |          |              |          |   | Г |
|          | 64             |          |             |          |                  |          |              |          | $\vdash$  | Г |
|          | 65             |          |             |          |                  | $\vdash$ | Г            |          |   | Т |
|          | 66             |          |             |          |                  |          |              |          |   |   |
|          | 67             |          |             |          |                  |          |              |          |   |   |
|          | 68             |          |             |          |                  |          |              |          |   |   |
|          | 68<br>69       |          |             | $\vdash$ |                  |          |              |          |   |   |
|          | 70             |          |             | $\vdash$ |                  |          | T            |          |   |   |
|          | 71             |          |             | Г        |                  |          |              |          |   |   |
|          | 70<br>71<br>72 |          |             | $\vdash$ |                  | $\vdash$ |              | _        |   |   |
|          | 73             |          |             |          |                  | Г        |              |          |   |   |
|          | 73<br>74       |          |             |          |                  |          |              |          |   |   |
|          | l 75 I         |          |             | _        |                  | Г        | Г            |          |   |   |
|          | 76<br>77       |          |             |          |                  |          |              |          |   |   |
|          | 77             |          |             |          |                  |          |              |          |   |   |
|          | 78             |          |             |          |                  |          | Г            |          |   |   |
|          | 79             |          |             |          |                  |          | Г            |          |   |   |
|          | 80             |          |             |          |                  |          | Г            |          |   |   |
|          | 81<br>82       |          |             |          |                  |          |              |          |   |   |
|          | 82             |          |             |          |                  |          |              |          |   |   |
|          | 83             |          |             |          |                  |          |              |          |   |   |
|          | 84<br>85       |          |             |          |                  |          |              |          |   |   |
|          | 85             |          |             |          |                  |          |              |          |   |   |
|          | 86             |          |             |          |                  |          |              |          |   |   |
|          | 87<br>88       |          |             |          |                  |          |              |          |   |   |
|          | 88             |          |             |          | L                |          |              |          |   |   |
|          | 89             |          |             |          |                  |          |              |          |   |   |
|          | 90             |          |             |          | <u> </u>         |          |              |          |   |   |
| L_       | 91             |          |             |          |                  |          | L            |          |   |   |
|          | 92             |          |             |          |                  |          |              |          |   |   |
|          | 93             |          |             |          | _                |          | _            |          |   |   |
| <u></u>  | 94             | Щ        |             | Ц.       | <u> </u>         | _        | <u> </u>     | Щ        | $ldsymbol{ld}}}}}}$ | _ |
|          | 95             |          |             | Щ        |                  | L        | Щ            | L_       | Щ   | L |
| <u></u>  | 96             | $\Box$   |             | Щ,       | $oxed{oxed}$     | L_       | L_           |          | Ш   |   |
|          | 97             |          |             | <u> </u> |                  | L.       | L            |          | Щ   | _ |
| <u></u>  | 98             |          |             | <u> </u> | Щ.               | <u> </u> | L            | L_       | L.,   | _ |
| L        | 99             |          | _           | <u> </u> | L_               | Щ        | <u> </u>     | Щ.       | Щ.  | _ |
|          | 100            |          |             |          |                  |          |              |          |   |   |

| Claim    |                   | Date     |          |                                     |          |              |              |              |              |                 |
|----------|-------------------|----------|----------|-------------------------------------|----------|--------------|--------------|--------------|--------------|-----------------|
|          |                   |          |          |                                     |          |              |              | Π            |              | П               |
| a        | Original          |          |          |                                     |          |              |              |              |              |                 |
| Final    | ġ                 |          |          |                                     |          |              |              |              |              |                 |
|          | 0                 |          |          |                                     |          |              |              |              |              |                 |
|          | 101               | $\vdash$ | $\vdash$ | 1                                   | $\vdash$ |              | $\vdash$     | $\vdash$     | $\vdash$     | Н               |
|          | 101<br>102        | _        | -        | $\vdash$                            |          |              | -            | $\vdash$     | -            | Н               |
|          | 103               | _        |          | -                                   | ⊢        | _            | $\vdash$     | ⊢            | $\vdash$     | Н               |
|          | 104               |          | ┢        | $\vdash$                            | -        | -            | -            | $\vdash$     | ⊢            | Н               |
|          | 105               |          | -        | $\vdash$                            | -        |              | $\vdash$     | ⊢            | $\vdash$     | Н               |
|          | 100               | _        | -        | ⊢                                   |          |              | _            | ⊢            | $\vdash$     | Н               |
|          | 106               | _        | -        | <u> </u>                            | _        | _            | -            | <u> </u>     |              | -               |
| <u> </u> | 107               | _        | -        | -                                   | _        | ⊢            | $\vdash$     |              | -            | Н               |
| <u> </u> | 108               | _        | <u> </u> | ⊢                                   | <u> </u> | <u> </u>     | <u> </u>     | _            | <u> </u>     | Н               |
|          | 109<br>110<br>111 | <u> </u> | ļ        | <u> </u>                            |          | ╙            | <u> </u>     | <u> </u>     | _            | Щ               |
|          | 110               | _        | <u> </u> | <u> </u>                            | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>     |              | Н               |
|          | 111               | _        | <u> </u> | ⊢                                   | <u> </u> | <u> </u>     | <u> </u>     |              | $\vdash$     | $\vdash \dashv$ |
|          | 112<br>113        | _        | <u> </u> | <u> </u>                            | _        | <u> </u>     | $\vdash$     | <u> </u>     |              | Ш               |
| L        | 113               |          | <u> </u> | L                                   | _        | _            | <u> </u>     |              | L_           | Ш               |
|          | 114<br>115        | _        | <u> </u> | <u> </u>                            | 匚        | <u> </u>     | <u> </u>     |              | _            | Ш               |
|          | 115               |          |          | <u> </u>                            |          | <u> </u>     | $oxed{oxed}$ |              | _            | Ш               |
|          | 116               |          | _        |                                     |          |              |              |              | L            |                 |
|          | 117               |          |          |                                     | L        | L            |              |              |              |                 |
|          | 118               |          | L        |                                     |          |              |              |              |              |                 |
|          | 119               |          |          |                                     |          |              |              |              |              |                 |
|          | 120               |          |          |                                     |          |              |              |              |              |                 |
|          | 120<br>121        |          |          |                                     |          |              |              |              |              |                 |
|          | 122               |          |          |                                     | _        |              |              |              |              |                 |
|          | 123               |          | $\vdash$ |                                     | Т        | _            | <u> </u>     | $\vdash$     |              |                 |
|          | 123<br>124        | _        | _        | $\vdash$                            | $\vdash$ | $\vdash$     | _            | 1            | _            | $\neg$          |
|          | 125<br>126<br>127 |          |          |                                     |          |              | -            |              | $\vdash$     | -               |
|          | 126               | _        | $\vdash$ | _                                   | $\vdash$ |              | -            |              | Н            |                 |
|          | 127               |          |          |                                     |          |              | -            | -            |              | Н               |
|          | 128               |          | <u> </u> | $\vdash$                            | $\vdash$ | -            | $\vdash$     | $\vdash$     |              | $\neg$          |
|          | 128<br>129        |          | $\vdash$ | -                                   | $\vdash$ | <u> </u>     | ┝            | -            | -            | $\vdash$        |
| -        | 130               | -        | _        | -                                   | $\vdash$ | <del> </del> | -            | $\vdash$     | $\vdash$     | -               |
|          | 130               | $\vdash$ |          | $\vdash$                            | $\vdash$ | $\vdash$     | ┝╌           | -            | $\vdash$     | -               |
|          | 131<br>132        | -        | $\vdash$ | ├—                                  | $\vdash$ | <del> </del> |              | $\vdash$     | H            |                 |
|          | 133               | _        | _        | _                                   | <u> </u> | $\vdash$     | _            | -            | _            | -               |
|          | 124               |          | <u> </u> | -                                   | $\vdash$ | $\vdash$     | $\vdash$     | <del> </del> | Ι            | $\vdash \vdash$ |
|          | 134<br>135        |          | <u> </u> | -                                   | ├—       | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash\vdash$  |
|          | 135               | $\vdash$ | $\vdash$ | <del> </del>                        | $\vdash$ | $\vdash$     | $\vdash$     | <del> </del> | <del> </del> | Н               |
|          | 130               |          | $\vdash$ | -                                   | -        | -            |              |              | -            | Н               |
| $\vdash$ | 137<br>138        |          | _        |                                     | -        | <del> </del> | ⊢            | ├—           | $\vdash$     | Н               |
|          | 138               |          | <u> </u> | <del>  -</del>                      | $\vdash$ | $\vdash$     | $\vdash$     | -            | $\vdash$     | $\vdash \vdash$ |
|          | 139               |          | <u> </u> | $\vdash$                            | _        | $\vdash$     | <u> </u>     | ├            | _            | Щ               |
|          | 140               | _        | $\vdash$ | $\vdash$                            | <u> </u> | <u> </u>     | <u> </u>     | ├-           | -            | Щ               |
|          | 141               |          | <u> </u> |                                     | _        | _            | <u> </u>     | -            | L            | $\vdash$        |
|          | 142               |          |          | <u> </u>                            | _        | <u> </u>     | _            |              |              |                 |
|          | 143               |          | <u> </u> | $oxed{oxed}$                        | <u> </u> | ldash        | L            | <u> </u>     | L.           | Щ               |
|          | 144               |          | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ        | Щ.           |              | _            |              | Ш               |
|          | 145               |          |          | L_                                  |          |              | L            |              |              |                 |
|          | 146               |          | _        |                                     | L        |              | L            |              |              |                 |
|          | 147               |          |          |                                     |          |              |              |              |              |                 |
|          | 148               |          |          |                                     |          |              |              |              |              |                 |
|          | 149               |          |          |                                     |          |              |              |              |              |                 |
|          | 150               |          |          |                                     |          |              |              |              |              |                 |
|          |                   | _        |          |                                     |          |              |              |              |              | _               |